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ON

5/24/03

BY

Anne Wilcock

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE MATTER OF: NIEMEYER

ATTORNEY DOCKET NO: 17516-002130

SERIAL NUMBER: 10/644,406

GROUP ART UNIT: 2125

FILED: 8/19/2003

EXAMINER: GARLAND

FOR: CAMERA REFERENCED CONTROL IN A MINAMALLY INVASIVE SURGICAL APPARATUS.

Commissioner for Patents:  
P.O. Box 1450  
Alexandria, Va 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97 AND §1.98**

The references cited on this Supplemental Disclosure Statement were originally submitted to the Examiner on 10/31/2003. In the rejection dated January 24, 2005 the Examiner indicated that copies of the references cited on the attached Supplement Information Disclosure where not included with the original submission. The applicant apologies.

The references cited on attached form PTO/SB/08A are once again being called to the attention of the Examiner. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

This Supplemental IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

As provided by 37CFR 1.997(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Please charge the \$180 fee, for the submission of the Information Disclosure Statement to Deposit Account 503404. Please deduct any additional fees from, or credit any overpayment, to the above-noted Deposit Account.

05/31/2005 HVUONG1 00000024 503404 10644406

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Respectfully submitted,



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MAY 27 2005  
PATENT & TRADEMARK OFFICE

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/P-18

**(Use as many sheets as necessary)**

**Complete if Known**

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| Application Number | 10/644.406 |
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|             |           |
|-------------|-----------|
| Filing Date | 8/19/2003 |
|-------------|-----------|

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|----------------------|--------------------|
| First Named Inventor | NIEMEYER, GUNTER D |
|----------------------|--------------------|

|          |      |
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| Art Unit | 2125 |
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| Examiner Name | GARLAND |
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| Attorney Docket Number | 017516-002130 |
|------------------------|---------------|

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| FOREIGN PATENT DOCUMENTS |                       |                                                                                   |                                |                                                 |                                                                           |                |
|--------------------------|-----------------------|-----------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------|---------------------------------------------------------------------------|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document                                                           | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |                                                 |                                                                           |                |
|                          |                       | WO 97/43943                                                                       | 11/27/1997                     | MADHANI                                         |                                                                           |                |
|                          |                       | WO 97/43942                                                                       | 11/27/1997                     | MADHANI                                         |                                                                           |                |
|                          |                       | WO 97/29690                                                                       | 8/27/1997                      | WANG                                            |                                                                           |                |
|                          |                       |                                                                                   |                                |                                                 |                                                                           |                |
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**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

|                        |                    |
|------------------------|--------------------|
| Application Number     | 10,644,408         |
| Filing Date            | 9/19/2003          |
| First Named Inventor   | NIEMEYER, GUNTER D |
| Art Unit               | 2121               |
| Examiner Name          | UNASSIGNED         |
| Attorney Docket Number | 017516-002130US    |

MAY 27 2005

Sheet

of

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.            | T <sup>2</sup> |
|--------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|                    |                       | Komada et al. "Bilateral robot hand based on estimated force feedback" Proceedings IECON '87, Cambridge, MA, November 3-6, 1987, pp. 602-607.                                                                                                                              |                |
|                    |                       | Baumann, R., Thesis No. 1734 entitled "Haptic interface for virtual reality based laparoscopic surgery training environment" for Master of Science in Computer and Systems Engineering, Rensselaer Polytechnic Institute, USA (1997) pp. 98-103.                           |                |
|                    |                       | Lazarevic, "Feasibility of a Stewart Platform with Fixed Actuators as a Platform for CABG Surgery Device" Master's Thesis, Columbia University, Department of Bioengineering, pp. 1-45.                                                                                    |                |
|                    |                       | Madhani, Akhil Jiten, Dissertation entitled Design of Teleoperated Surgical Instruments for Minimally Invasive Surgery, Mass. Institute of Tech. (©Feb. 1998)                                                                                                              |                |
|                    |                       | Neisus et al., "Robotic manipulator for endoscopic handling of surgical effectors and cameras," 1st Intl. Symposium on Medical Robotics and Computer Assisted Surgery, Workshop (Part I & II)—Session VI, Pittsburgh, Pennsylvania (Sep. 22-24, 1994) vol. 2, pp. 169-175. |                |
|                    |                       | Thring, "Robots and telechairs: Manipulators with memory; remote manipulators; machine limbs for the handicapped" (1993) M W. Thring/Ellis Horwood Ltd. pp. 9-11, 122-131, 194-195, 235-257, 274-279.                                                                      |                |
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Examiner  
SignatureDate  
Considered

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